SCOPE OF SERVICES

Solicitation Number: CLMP321
Project Name: Congress Avenue Urban Design Initiative

PROJECT FOR:

CITY OF AUSTIN (CITY), AUSTIN TRANSPORTATION DEPARTMENT (ATD), THROUGH ITS CAPITAL CONTRACTING OFFICE (CCO)

PROJECT TITLE:

CONGRESS AVENUE URBAN DESIGN INITIATIVE

OBJECTIVES OF THE PROJECT:

The City of Austin Transportation Department seeks a consultant to complete the vision of the Congress Avenue Urban Design Initiative (UDI), including design, bid/award, and construction phase services.

BACKGROUND:

Improving Congress Avenue as the 'Main Street of Texas' is called for in the Council adopted Downtown Austin Plan: Downtown Austin Plan. In partnership with the Downtown Austin Alliance (DAA) and community stakeholders, the City contracted with an Urban Design consultant team to help refine and realize the vision for Congress Avenue from the Capitol to Riverside Drive: Congress Avenue Urban Design Initiative. The Urban Design Initiative vision has been completed, and bond funds were approved by the voters in the 2020 bond initiative to implement this vision. Additionally, the recently completing structural and geotechnical analyses are included for reference as online information supplements for this solicitation on the Austin Finance Online website for this solicitation: Attachment A – Bridge Structural and Geotechnical Analysis.

MAJOR GOALS for the Congress Avenue UDI include the following:

- **Pedestrian Experience:** Improve the pedestrian experience.
- **Identity & Sense of Place:** Create an identity that celebrates Austin's history and culture.
- **Connections and Gateways:** Provide connections to other districts.
- **Land Use & Development:** Expand the diversity of land uses and enhance ground floor use and design.
- **Green Infrastructure:** Improve environmental performance and support healthy natural systems.
- **Resilience and Innovation:** Ensure systems are ready for future changes in technology and resilient enough to withstand shocks and stressors.
- **Underground Infrastructure:** Provide for utility infrastructure needs.
- **Mobility:** Provide comfortable mobility options.

- **Event and Other Needs**: Incorporate event needs and accommodate future changes inland use, activities, and transportation systems.
- **Management & Partnerships:** Coordinate management functions, embrace partnerships and explore funding options.

ANTICIPATED SERVICES:

The selected consultant will work with City of Austin staff and other stakeholders to provide a number of services and deliverables as they relate to the Congress Avenue UDI.

Task 1 - Project Development and Environmental Process (PD&E)
Task 2 – Bridge Conceptual Engineering Report (BCER)
Task 3 – Avenue Conceptual Engineering Report (ACER)
Task 4 –30% Plan Documents (for the selected design configuration)
Task 5 – 60% Plan Documents
Task 6 – 90% Plan Documents
Task 7 – 100% Bid Documents
Task 8 – Bid/Award/Execution
Task 9 – Construction Phase
Task 10 – Post-Construction Phase

Throughout the project implementation process, the selected consultant shall assist the City's Public Information Office and department staff with planning public meetings and addressing neighborhood and stakeholder concerns.

The selected consultant shall initially prepare and complete a Project Development and Environmental (PD&E) Study and Report (Task 1). The PD&E will provide a framework for implementation of the project, identifying anticipated challenges and recommended solutions, including discussion of all planning, design, and environmental issues.

The selected consultant shall complete at least three preliminary design options for the Bridge Conceptual Engineering Report (BCER; Task 2). These design options are each expected to be consistent with the vision of the UDI in terms of bridge type, geometry, and/or aesthetics as to offer a range of choices to the City. Only one of these designs options or a variation thereof will be selected by the City for development into the final bridge design.

The selected consultant shall complete at least three preliminary design options for the Avenue Conceptual Engineering Report (ACER, Task 3). These design options are each expected to be consistent with the UDI and the three bridge options in terms of aesthetics as to offer a range of choices to the City. Only one of these design options or a variation thereof will be selected by the City for development into the final avenue design.

Prior to the design phase, the selected consultant shall work with the City to select a consensus design option for both the bridge and avenue. The selection phase shall include meetings with program oversight stakeholders, including, but not limited to:

- **Public Works Department**
- **Planning and Zoning Department**
- **Austin Transportation Department**
- **Watershed Protection Department**
- **Economic Development Department**
- **Austin Water**
- **Austin Energy**
- **Parks and Recreation Department**
- **Capital Metropolitan Transit Authority**
- **Austin Transit Partnership**
- **Downtown Austin Alliance**
- **Texas State Preservation Board**
- **Preservation Austin**
- **Downtown Austin Neighborhood Association**
- **The Trail Foundation**

Other stakeholders will include:

- **Various resident groups – residents, neighborhood associations, multi-family owners**
- **Commercial concerns – retail and business owners, managers and employees**
- **Planning and preservation groups and related city Boards and Commissions**
- **Visitors, Tourists and the Lodging industry and their representatives**
- **Historical preservation, parks, and environmental advocacy groups**
- **Arts, Music, Cultural groups and representatives**
- **Planning Commission, Urban Transportation Commission, Downtown Commission,**
- **Bicycle Advisory Council, and Pedestrian Advisory Council**
- **Other City departments and staff**

The selected consultant (Bridge and Avenue Designer) must work closely with the stakeholders for roadway transition design, landscaping, electrical design, and other necessary design elements. One or more design charrettes for City stakeholders is required to formulate the aesthetic elements of the bridge and avenue. The conceptual design phase shall result in a Bridge Conceptual Engineering Report (BCER) and an Avenue Conceptual Engineering Report (ACER) that shall capture the decision of this process, the final options selected, the high level design elements, and shall form the basis of the design moving forward.

The selected consultant team shall provide intermediate and final design phases through complete Plans, Specifications, and Estimate (PS&E, Tasks 4 through 7) documents. The Design Phase Services will be negotiated and awarded by contract amendment after the PD&E, BCER, and ACER tasks are completed and approved.

Final design is the detailed design work required to complete the plans, specifications, estimates, and all other documents required to bid and award the construction of the work.

HISTORICAL AND CULTURAL SIGNIFICANCE:

The selected consultant shall prepare the appropriate materials for consultation with the Texas Historical Commission (THC) under Section 106 of the National Historic Preservation Act (NHPA) and the Antiquities Code of Texas (the Code), including but not limited to a determination of the area of potential effects for this project, a determination of the eligibility of the structure for the National Register of Historic Places, a determination of the effect of the project on any properties that are listed or are eligible for listing on the National Register of Historic Places (NRHP), and any documents required by the Texas Historical Commission (THC) for mitigation of an adverse effect, as well as any materials requested by the City of Austin Historic Landmark Commission (HLC) regarding modifications to the bridge. The selected consultant shall report the findings back to the project team, as well as hold meetings with the appropriate stakeholders, to include an Open House. Public meetings will be coordinated with the City's Public Works PIO staff.

DESIGN TEAM REQUIREMENTS:

The selected consultant shall serve as the prime firm and design lead; and shall have on staff experienced engineers and designers from a national bridge practice, project managers, project engineers, and engineering disciplines for the following roles: Project Manager and Project Professional. These individuals must be employed by the prime firm and shall not be the same person. The Project Professional must be the Senior Bridge Engineer. The Senior Bridge Engineer must be registered in Texas as a PE and have been practicing engineering as a structural engineer on an appropriate number of bridge projects. A National Bridge Practice is a firm that has done work throughout the continental US and is not limited to work in a single local or small regional area.

Other members of the design team may include:
Bridge Architect – Experienced bridge architect with conceptual lighting expertise.
Urban/Landscape Architect – Experienced landscape architect and urban planner to tie the bridge design into the surrounding environment.
Restoration Architect/Cultural Resource Specialist
Electrical Engineer –Experienced electrical engineer for power supply and distribution design.
Civil Engineer – Roadway approaches.
Geotechnical Engineer
Environmental Engineer
Sustainable or Resilient Design Consultant
Subsurface Utility Engineering Professional
Pipeline Engineer – Experience in water and wastewater design
Biologist or Environmental Professional - experience in bat related environmental conservation
Digital/IT Infrastructure Engineer
Survey

The selected consultant shall provide a design team with the required license/registration in the State of Texas and have the professional abilities, experience, expertise and resources to provide such professional services. Additionally, the design team should include professionals credentialed by the Institute for Sustainable Infrastructure.

CONTENT OF QUALIFICATIONS SUBMITTAL:

The selected consultant shall provide information that addresses and/or consists of the following concepts:

I. Approach and Project Understanding

1. Describe your general understanding of the project's issues, constraints and opportunities.

2. Describe your general approach to a phased construction of the bridge and avenue approach roadways so that traffic is maintained throughout the project duration.

II. Aesthetics and Contextual Sensitivity

Provide a written description of the opportunities and constraints involved with the development of this major bridge and avenue project including connectivity considerations, community impacts, **historic preservation impacts, impacts to the bat population of the bridge and tourism**, impacts on the adjacent properties, and overall character envisioned for the project. The City staff is interested in the consultant's views concerning the design of the bridge and how this bridge and can be not only functional, but elegant, attractive, and contextually appropriate through the design process and in accord with the UDI vision.

Any bridge design must integrate three basic elements: efficiency, economy, and elegance. The quality of the structure, its aesthetic attributes and the resulting impact on its surroundings must be carefully considered in context of the UDI vision. Achieving the desired results involves:

1. Full integration of the three basic elements listed previously.
2. The selected consultant's willingness to accept the challenge and opportunity presented. A successful bridge and avenue design will be elegant or aesthetically pleasing in and of itself and will be compatible with the UDI vision by proper attention to forms, shapes, proportions, and the historical character of the original 1909 bridge. Attention to details is of primary importance in achieving a continuity of line and form. In general, the rule of "form following function" shall be used.

The selected consultant shall consider the totality of the structure and the avenue as well as its individual components and the environment of its surroundings. A disregard for continuity or lack of attention to detail can negate the best intent. The Bridge Designer is expected to be

well read on the subject of bridge aesthetics and committed to fulfilling both the structural and aesthetic needs of the site pursuant to the UDI vision.

III. Risk Identification

1. Identify the major risks for the proposed Project.
2. Describe your project specific strategies for minimizing Project risks during the course of design on this project. Include ideas for mitigating major areas of risk identified above in item #1.

IV. Quality Management

Provide a synopsis of Proposer's Quality Assurance/Quality Control Plan. The Quality Plan shall describe the designer's proposed quality assurance/quality control (QA/QC) program for the design Work, the QA/QC program for the construction Work, and how the design and construction activities performed by different entities will be coordinated to ensure consistency of quality. The Quality Plan shall be considered an interim document for the purpose of conveying the overall philosophy of the designer regarding QA/QC, and shall be expanded and/or amended prior to implementation on the Project.

V. Sustainability

1. Describe your approach to integrating sustainable practices in designing past bridge and avenue projects including but not limited to: 1) deconstruction, 2) re-use of materials, 3) origin of materials, 4) types and costs of materials, 5) location of material manufacture, 6) use of high performance materials, 7) low life-cycle costs, 8) site work solutions, 9) rapid construction and prefabrication, 10) ecological/natural resources protection, and 11) low VOC paints and sealers. Please provide specific examples from past projects and any other that you would carry forward to this project. Describe any projects that have received an Envision award from the Institute for Sustainable Infrastructure. The City may consider using the Envision process for this project with the selected team, but the selected team should be familiar with the Envision process whether or not this decision is made.
2. Describe environmental stewardship efforts that your business has made within your own organization, such as:
    - i A written policy or plan that commits to operating in a sustainable manner;
    - ii Energy conservation measures;
    - iii Water conservation measures;
    - iv Waste reduction and recycling measures;
    - v Ecological protection or restoration measure; and
    - vi Plans for the reduction or management of fossil fuel usage for transportation.

VI. Portfolio

Although this project is within an urban boundary, it is in the setting of a major river, park facility, and naturally green area. Include a small portfolio of past bridge and avenue work on major urban bridge projects in a similar setting, demonstrating a clear contextual sensitivity.

PROPOSED PROJECT SCHEDULE:

Staff recommendation to Council is January 2022. Anticipated duration for the PD&E, bridge and avenue BCER, ACER, and final design is 24-36 months.

COST ESTIMATE:

The estimated total cost for professional services is $10,000,000.

MAJOR AND OTHER SCOPES OF WORK:

Below is a list of the major scopes of work that the City has identified for this project. ***There must be representation for all major scopes of work listed in the prime's statement of qualifications.*** The experience of the firms listed to perform the Major Scopes of Work, whether a subconsultant or prime firm, will be evaluated under Consideration Item 6 – Major Scopes of Work – Comparable Project Experience. In addition, the City has identified Other Scopes of work that MAY materialize during the course of the project. The City does not guarantee that the scopes listed under Other Scopes of work will materialize on this contract. If the prime consultant intends to enter into a subconsulting agreement on a scope of work not listed below, the prime consultant is required to contact SMBR and request an updated availability list of certified firms in each of the scopes of work for which the prime consultant intends to utilize a subconsultant.

***Major Scopes of Work**

Civil Engineering
Structural Engineering
Architect Services
Landscape Architecture

Other Scopes of Work

Utility Locator Service (Underground)
Soils Geotechnical
Electrical Engineering
Archeological Consulting
Public Relations Consulting
Historical Preservation
Environmental and Ecological Services

Surveying Services

NOTES:

- Participation at the prime or subconsultant level may create a conflict of interest and thus necessitate exclusion from any contracts resulting from the work performed in the design phase.

- If the City determines that a conflict of interest exists at the prime or subconsultant level, the City reserves the right to replace/remove the prime or instruct the prime consultant to remove the subconsultant with the conflict of interest and to instruct the prime consultant to seek a post-award change to the prime consultant's compliance plan as described in City Code § 2-9B-23. Such substitutions will be dealt with on a case-by-case basis and will be considered for approval by Small and Minority Business Resources (SMBR) in the usual course of business. The City's decision to remove a prime or subconsultant because of a conflict of interest shall be final.

- Construction Inspection is NOT a subconsultant opportunity for this project. These services will be performed in-house or under a separate contract, if needed, and will be determined when project assignment is made.

- A Consultant Performance Evaluation (CPE) will be performed on all professional services contracts. This evaluation will be conducted at the end of each Preliminary, Design and Construction phase, or at assignment completion for those projects with no distinct phases (i.e., surveying, SUE services, etc.).

- Public Information and Communications are NOT a subconsultant opportunity on this contract. The majority of services will be performed in-house. However, the prime will be responsible for coordinating with in-house public information staff on the following: planning and participating in public meetings, preparing renderings or graphics for meetings, securing a meeting site if needed, notifying PIO staff of emerging public or media issues, and keeping PIO informed of project info that needs to be communicated with the public.

- Please review the City of Austin's Public Participation Principles

  (http://austintexas.gov/page/public-particpation-principles)

CITY OF AUSTIN PUBLIC PARTICIPATION PRINCIPLES:

Accountability and Transparency

The City will enable the public to participate in decision-making processes by providing clear information on the issues, the ways to participate, and how their participation contributes to the decision.

Fairness & Respect
The City will maintain a safe environment that cultivates and supports respectful public engagement and will expect participants to do so in turn.

Accessibility
The City will respect and encourage participation by providing ample public notice of opportunities and resources and accommodations that enable all to participate.

Predictability & Consistency
The City will prepare the public to participate by providing meeting agendas, discussion guidelines, notes, and information on next steps.

Creativity & Community Collaboration
(Inclusivity and Diversity)
The City will use innovative, proven, and customized engagement solutions that are appropriate to the needs of the projects and the participants.

Stewards of Resources
The City will balance its commitment to provide ample opportunities for public involvement with its commitment to delivering government services efficiently and using City resources wisely.